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1.   (currently amended) An Internet packet (IP) mobile wireless communication system,
comprising:

at least one network operation center (NOC) including at least one application component;
~~and~~

plural link terminals communicating with plural client devices and receiving IP packets
therefrom in respective sessions, at least some IP packets being associated with information, the
information being unique to the session, the information including at least one session name, each
session being associated with a unique shared secret between a client device and a link terminal
communicating therewith, the information being useful in providing data from the application
component in IP packet format from the NOC to a client device moving relative to the link terminals
by providing at least one IP packetized data stream to the client device using a first link terminal and
then continuing to provide the data stream to the client device from a second link terminal as the
client device moves; and

logic at a local link terminal for stripping the session name from messages from a client
device.

2.   (original) The system of Claim 1, further comprising a respective data center incorporating
each link terminal.

3.   (original) The system of Claim 2, further comprising logic at at least one local link terminal
for generating the shared secret.

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4.   (currently amended) The system of Claim 3, wherein ~~the information is at least one session name, and~~ the session name is generated by the local link terminal.

5.   (original) The system of Claim 2, further comprising a respective base station associated with each data center.

6.   (canceled).

7.   (original) The system of Claim 1, wherein a location of at least one client device is tracked and subscription services provided thereto based at least partially on the location.

8.   (original) The system of Claim 1, wherein each client device includes a directional antenna and an IP transceiver electrically coupled to the antenna for communicating with at least one link terminal.

9.   (original) The system of Claim 1, wherein the system has a data transmission rate between a client device and a link terminal in excess of one megabyte per second.

10.   (currently amended)   A mobile wireless IP-based communication network for providing up to the minute subscription services to client devices, comprising:

          at least one network operation center (NOC); and

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plural base stations communicating with the NOC and in wireless communication with client

devices communicating with the network, the NOC providing at least one subscription service in IP

format to at least one client device via at least one base station in at least one session, the base station

receiving messages including IP packets and at least one unique session name from at least one client

device, the messages being encrypted with a shared secret, the network permitting the client device

to roam around the network in the midst of the session substantially without interruption thereof,

wherein a location of at least one client device is tracked and subscription services provided thereto

based at least partially on the location.

11. (canceled).

12. (original) The network of Claim 10, wherein the network has a data transmission rate between

a client device and a base station in excess of one megabyte per second.

13. (original) The network of Claim 10, wherein each base station is associated with a respective

data center incorporating a respective link terminal, the link terminals communicating with the client devices

and receiving IP packets therefrom in respective sessions, such that at least one IP packetized data stream can

be provided to a client device using a first link terminal and then provision of the data stream to the client

device can be undertaken from a second link terminal as the client device moves.

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14.   (original) The network of Claim 13, wherein the session names and shared secrets are generated by the link terminals.

15.   (original) The network of Claim 13, wherein a link terminal strips the session name from messages from a client device.

16.   (original) The network of Claim 10, wherein a location of at least one client device is tracked and subscription services provided thereto based at least partially on the location.

17.   (original) The network of Claim 10, wherein each client device includes a directional antenna and an IP transceiver electrically coupled to the antenna for communicating with at least one base station.

18.   (currently amended)   A method for providing subscription services to client devices via a wireless IP network, comprising:

sending at least one IP-packetized data stream to at least a first link terminal generating a unique session name;

providing the data stream to at least one wireless client device in wireless IP communication with the first link terminal; and

as the client device moves away from the first link terminal toward a second link terminal, handing off the data stream from the first link terminal to the second link terminal, such that the data stream is provided to the client device via the second link terminal;

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stripping away the session name at the first or second link terminal from messages received from the client device:

tracking the client device to determine a location of the client device: and

providing subscription services to the client device based at least in part on the location.

19.   (currently amended) The method of Claim 18, wherein the data stream is associated with a session and the method includes associating the session with [a] the unique session name generated by the first link terminal.

20.   (original) The method of Claim 19, further comprising encrypting at least portions of the session using a unique session shared secret generated by the first link terminal.

21.   (canceled).

22.   (original) The method of Claim 18, further comprising providing the data stream at a transfer rate of in excess of one megabyte per second.

23.   (original) The method of Claim 18, wherein the data stream is at least one subscription service.

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24.   (original) The method of Claim 23, wherein the service contains information tailored to the location of the client device.

25.   (original) The method of Claim 20, wherein the session name and shared secret are sent to the client device and stored thereat.

26.   (original) The method of Claim 18, further comprising generating accounting data associated with the client device based on a number of IP packets provided thereto, or a time period the client device communicated with the link terminals, or both.

27.   (original) The system of Claim 1, further comprising generating accounting data associated with the client device based on a number of IP packets provided thereto, or a time period the client device communicated with the system, or both.

28.   (original) The network of Claim 10, further comprising generating accounting data associated with the client device based on a number of IP packets provided thereto, or a time period the client device communicated with the network, or both.

29.   (original) The system of Claim 4, wherein the session name and shared secret are sent to the client device and stored thereat.

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    30.   (original) The network of Claim 10, wherein the session name and shared secret are sent to the client device and stored thereat.

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